

# STUDENT NEWS



## Senior's-Eye View of State Meeting

The seniors of the Veterinary Division of Iowa State College were invited to attend the 2nd day of the annual 3 day meeting of the Iowa Veterinary Medical Association held in the Hotel Fort Des Moines on Jan. 17 to 19. The day was filled with many interesting talks and the evening was very entertaining.

The meeting opened with some illustrated case reports shown by Dr. C. E. Sundberg.

Dr. L. Meyer Jones from the Department of Veterinary Physiology and Pharmacology at Iowa State followed with a very timely talk on the uses of new drugs, with emphasis on the piperazine group. These compounds are rapidly gaining popularity as antihelmintics for large animals. The drugs are effective against roundworms in swine and horses and work well in the other species. He pointed out that the piperazine compounds can be put in the feed, water, or swill and still have good effects with negligible toxicity.

A very interesting talk given by Dr. W. F. Guard of the Ohio State Veterinary Surgery Department emphasized that many hopeless prospective surgical cases could have a favorable outcome if the basic principles of surgery were applied. He showed slides of equine and bovine leg fractures and other surgical diseases that were nearly or completely healed without the use of antibiotic or sulfon-

amide compounds. He stated that thorough cleansing and strict asepsis along with good technique were most important for a favorable termination.

Dr. S. H. McNutt of the University of Wisconsin gave a talk on fertility problems with emphasis on the difficulties in artificial insemination. Most of his data which he presented was based upon a large number of cows which was observed, believing that the number was sufficient to be a representative sample. Union of an available ovum and viable semen from a good bull result in fertilization almost 100 percent of the time. But he went on to say that the non-returns of the inseminator ran only at 65 percent. Some causes for this lost breeding time were post-partum anestrus and cows out of breeding condition (non-involution), but a major factor was "infertile" services in which the embryo died or the timing was not right. One factor brought out in his talk was the relative unimportance of a persistent corpus luteum as a cause of anestrus. More often the cause is ovarian hypoplasia or a atretic large follicle. Though not really anestrus, "quiet" ovulation without clinical manifestations of heat was emphasized as occurring in over half of the cattle observed.

After lunch a 15 minute movie was shown depicting the abundant duck population in the Saskatchewan area in Can-

ada. Excellent photography and an interesting narrative made the show both entertaining and enticing.

Some practical points in a swine practice were brought out in the talk by Dr. M. H. Wallinga, practitioner at Sioux Center. The precautionary measures to be taken with early farrowing, including management procedures and prevention of anemia were discussed. He touched on some of the little pig diseases and his methods of treatment. Included in the discussion were white scours, T. G. E., mastitis in sows, swine enteritis, bloody enteritis, atrophic rhinitis, erysipelas, hog cholera, greasy eczema and deaths due to unknown causes. Rectal prolapses and cesarean sections of the sow were also discussed.

Governor Leo Hoegh gave a brief message to the convention stating that the best answer to the low market prices is to increase the per capita consumption of meat, making America meat conscious by advertisement.

Dr. P. C. Bennett of the Iowa Veterinary Diagnostic laboratories outlined the type of examinations and tests performed by the Laboratory. He told of the progress in construction of the new addition and warned that there may be some confusion when moving into the new location, slowing service somewhat. The new section will enable expansion into clinical pathology, especially blood analysis, chemistry and toxicology, besides expanding the already existing facilities. The new section does not provide isolation units, however, so this work will be continued at the Veterinary Research Institute.

A panel composed of five veterinarians, with Dr. F. H. Kelly as the moderator, discussed some prevalent and some of the newer diseases confronted in swine practices. Many of the diseases were the same as those discussed by Dr. Wallinga. Incidence and therapy were stressed. The meeting then adjourned for the day.

On behalf of the present senior class I would like to extend our thanks for a very informative and enjoyable day at the state annual meeting. — **Bob Carithers**

## Students Honored

### Phi Kappa Phi

Five veterinary students became members of Phi Kappa Phi, honorary scholastic fraternity in Great Hall, Memorial Union on January 31. These men were: Alfred Evenson, James Shaw, Charles Sheldon, Martin Van Der Maaten, and Thomas Wetzell.

To be eligible for admission into this honorary students must rank in the upper one-sixteenth of their division.

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### Alpha Zeta

Veterinary medicine had three students initiated into the national agricultural honorary, Alpha Zeta. Its members are juniors and seniors in agriculture and veterinary medicine who rank high in scholarship and activities on campus. The three students entering the honorary were Charles Sheldon and Phil Pearson from the senior class and Ralph Schwake from the junior class.

Phi Kappa Phi also honors high ranking graduate students and faculty members. Chosen this year were Dr. James E. Lovell and Dr. H. E. Biester.

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### Angell Memorial Hospital

Each year six high ranking small animal veterinary students in the United States are picked to intern for 15 months at the Angell Memorial Hospital in Boston, Massachusetts. Phil Pearson is one of the six so honored this year. Phil will enter Angell Memorial, July 1, 1956, to further his study in Surgery and Pathology. There has been no one from Iowa State chosen since 1953 when Don Smith and Robert McCaulley were so honored. We are proud of you Phil. Good Luck!

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### BIRTHS

A daughter, Aileen Ann, was born on November 7, 1955, to **Mr. and Mrs. Robert H. Keith** in Ames. Mr. Keith is a first year student.

*Iowa State College Veterinarian*

A son, Stephen Lee, to **Mr. and Mrs. Tom Wetzell**, December 15, 1955, in Ames. Mr. Wetzell's a fourth year student.

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A son, Jeffrey Mark, to **Mr. and Mrs. Vern Doerr**, January 23, in Ames, Iowa. Mr. Doerr is a fourth year student.

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A girl, Delilah Ann, was born to **Mr. and Mrs. Earl Dezeeuw** on November 26, 1955. Mr. Dezeeuw is a second year student.

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A daughter, Sue Ann Marie, was born to **Mr. and Mrs. Arvin Steckleberg** on Jan. 20, 1956. Arvin is a third year student.

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## MARRIAGES

**Merle Lane**, a third year student, was married to Patricia Gabel at Carthage, Ill., on Dec. 18, 1955.

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**Donald Allgood**, a third year student, was married to Marjorie Holdsworth at Des Moines, Iowa, on Jan. 6, 1956.

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## STUDENT WIVE'S CLASSES

The faculty of the Veterinary Division of Iowa State College along with their wives and the wives of several practitioners near Ames are conducting night classes for the wives of the senior students. These classes are covering subjects such as: public relations, bookkeeping, sterilization and care of instruments, anesthesia and restraint of small animals.

During spring quarter Dr. Sloss will be teaching laboratory procedures and technics in weekly night classes.

We the senior students realize that this is an "extracurricular" activity for the doctors and their wives. We would like to express our appreciation and say thanks!

— *The Editor*

## Winter Smoker

The annual winter smoker of the Jr. Chapter of the AVMA was held Feb. 11th in Great Hall, Memorial Union.

Elections were the business of the evening with the ballots producing the following new officers: Charles Rasmussen, President-elect; Earle Douglas, Vice-Pres.; Fred Wood, Sec.; Don Algood, Treas.; John Mulder, Critic. Dr. Wm. Monlux (Dept. Pathology) will remain as Faculty Advisor for the rest of the school year.

Bob Sharp, retiring President, was presented with a miniature gold gavel by Tom Spencer, the new president. The gold gavel is given by the Chapter to each retiring president as a token of appreciation.

Between ballots the Chapter was entertained by both professional and amateur talent secured through the efforts of Chairman Bruce Ewald. Bill Carberry acted as master of ceremonies for the night's festivities.

Refreshments followed the announcement of the election results.

Retiring officers are as follows: Bob Sharp, Pres.; Ron Goldsmith, Vice-Pres.; Francis Copeland, Sec.; Bill Carberry, Critic.

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Vitamin E, as alpha-tocopherol acetate, added to an all-vegetable protein diet at the rate of 20 mg. per pound of feed increased the hatchability of turkey eggs from 51.7 to 88.0 percent. When the alpha-tocopherol acetate was removed, hatchability decreased 9.3 percent. Vitamin E deficient embryo's seemed to have their highest mortality in the last few days of incubation.

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Nichols described an operation for forming a small rumen fistula, in which part of the left rumen wall is formed into a tube, the tip of which is sutured to the skin opening as the last part of the operation. It is stated that this method usually results in less leakage of contents, does not require a plug and still allows ready access to the rumen cavity.